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(54) Title: PRODUCTION OF OXYGENATED PRODUCTS

(57) Abstract: A process for producing oxygenated products from a Fischer-Tropsch derived olefinic feedstock, includes reacting the feedstock, in a hydroformylation reaction stage, with carbon monoxide and hydrogen at an elevated reaction temperature and at a superatmospheric reaction pressure in the presence of a hydroformylation catalyst system. The catalyst system comprises a mixture, combination or complex of a transition metal, T, where T is selected from the transition metals of Group VIII of the Periodic Table of Elements; carbon monoxide, CO; hydrogen, H<sub>2</sub>; as a primary ligand, a monodentate phosphorus ligand; and as a secondary ligand, a bidentate phosphorus ligand which confers resistance on the catalyst system to poisoning arising from the presence of undesired components in the Fischer-Tropsch derived feedstock.



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